

**Smart Boolean Targeted, Programmed Sequence of Events,
Multilayered Nanomedicine Systems with Biomolecular Sensors
for Feedback Control of Gene/Drug Delivery within Single Cells**

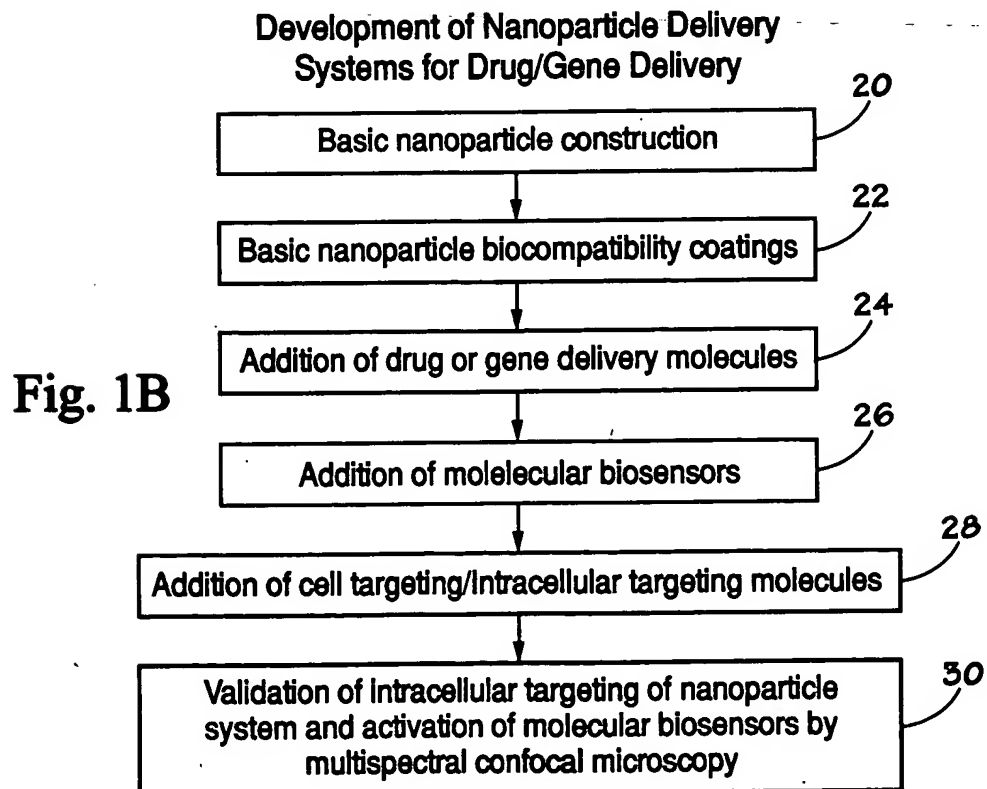
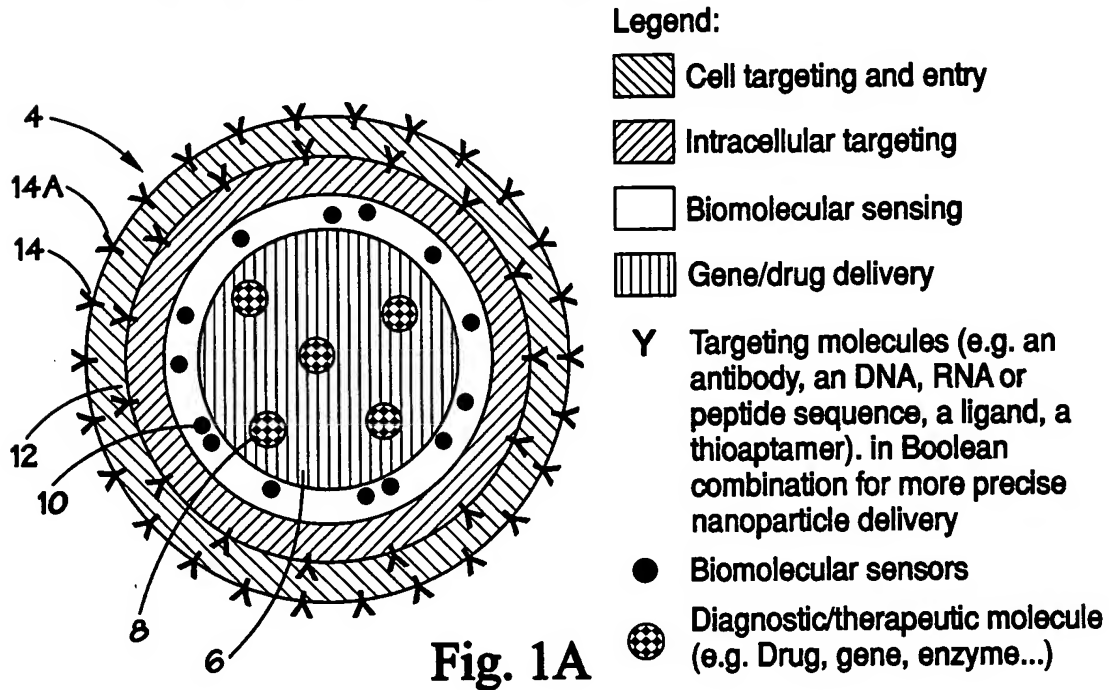


Fig. 1C

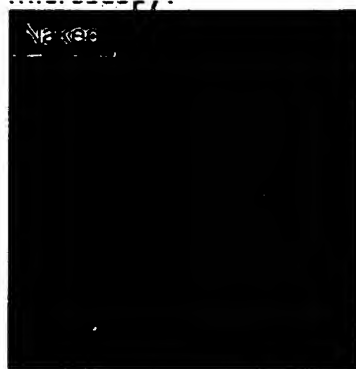


Fig. 1E



Fig. 1D



Fig. 1F

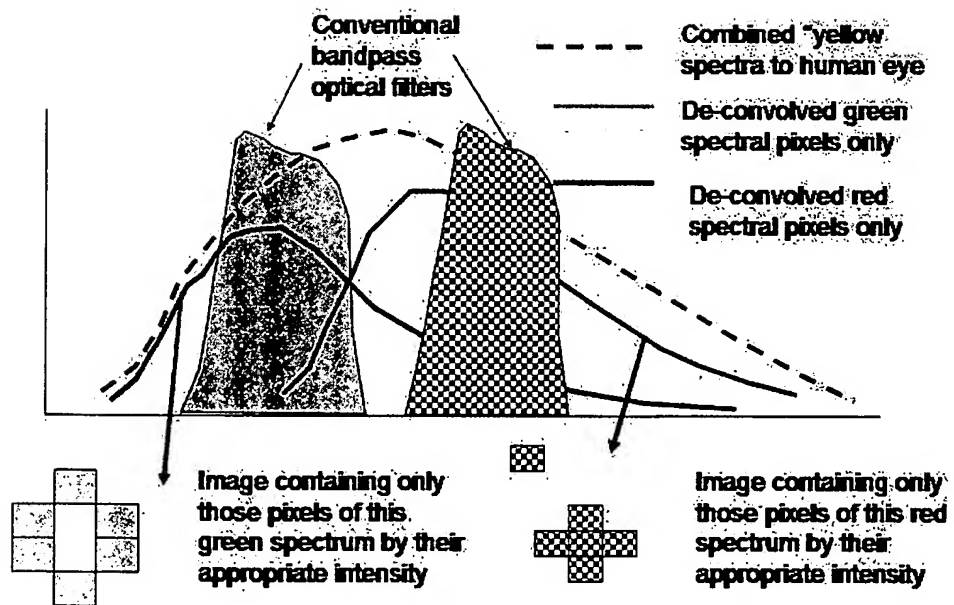


Fig. 2

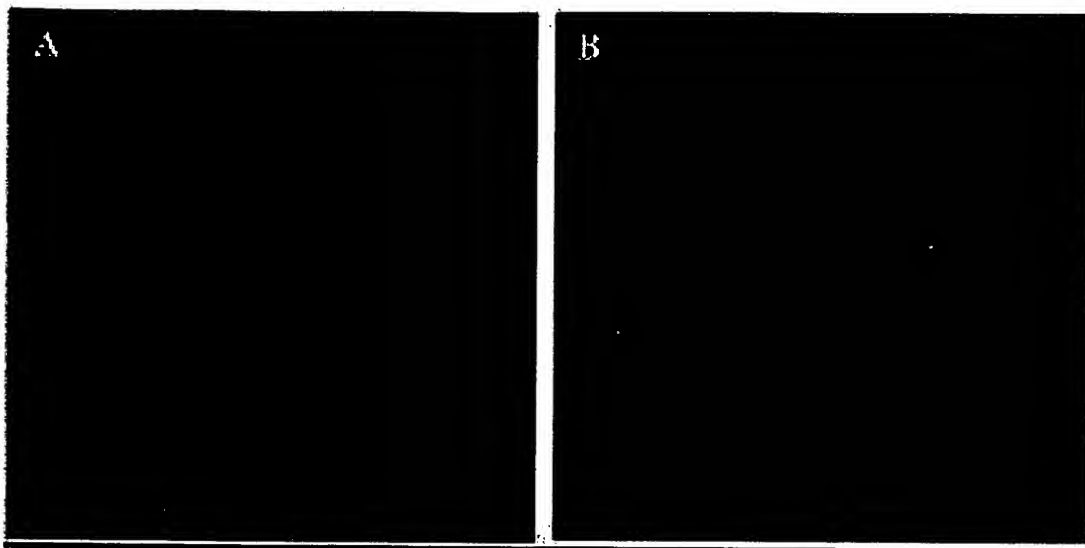


Fig. 3A

Fig. 3B

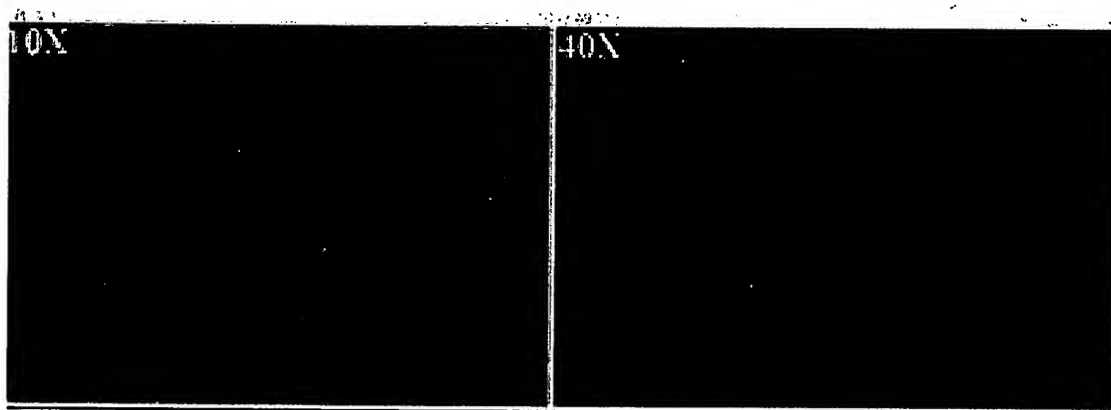


Fig. 4A

Fig. 4B

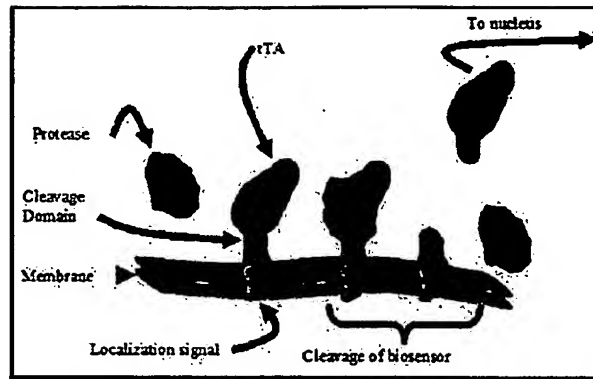


Fig. 5

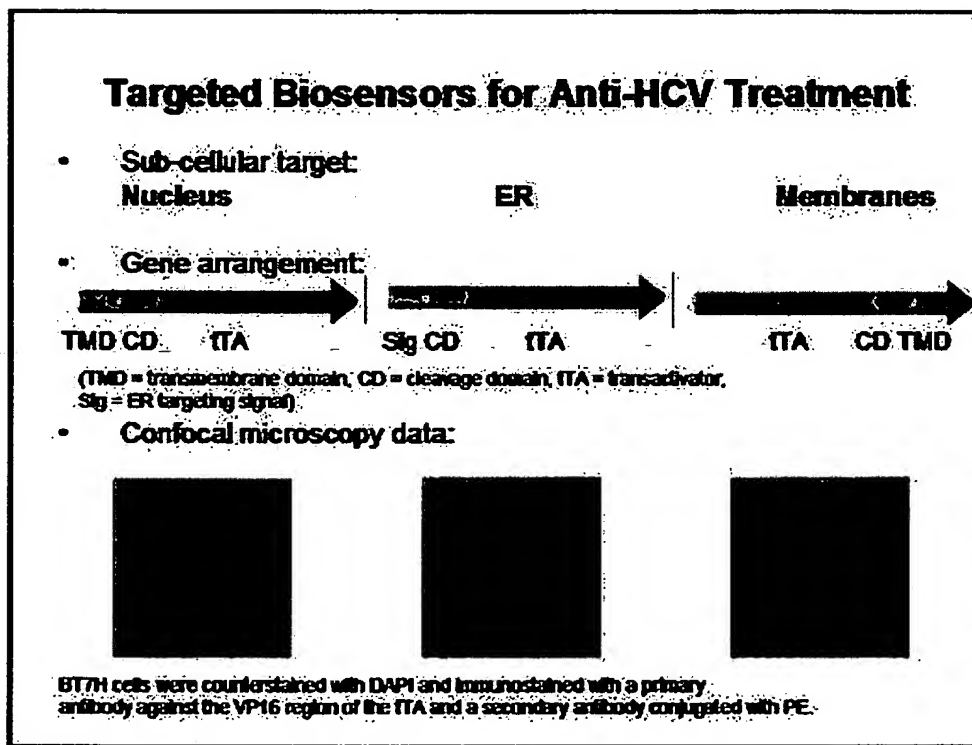


Fig. 6A

Fig. 6B

Fig. 6C

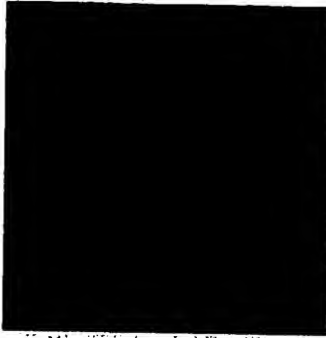


Fig. 7A

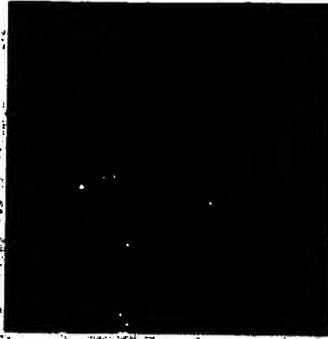


Fig. 7B

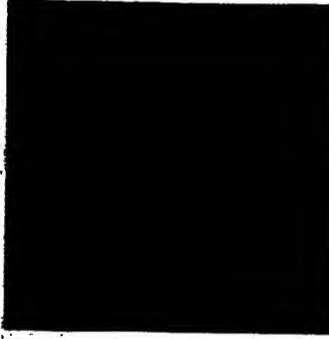


Fig. 7C

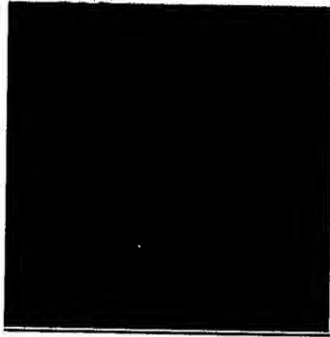


Fig. 7D

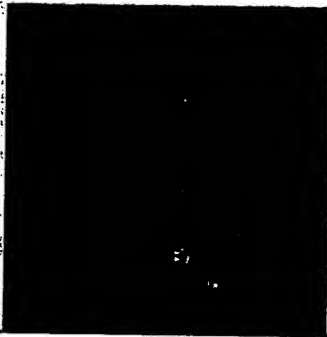


Fig. 7E



Fig. 7F

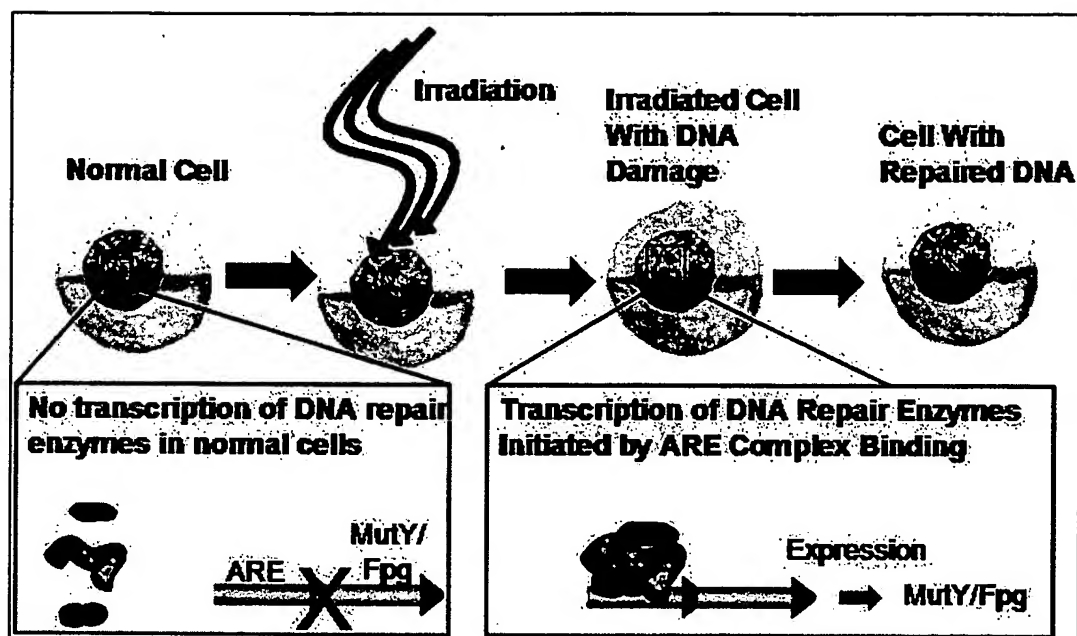


Fig. 8

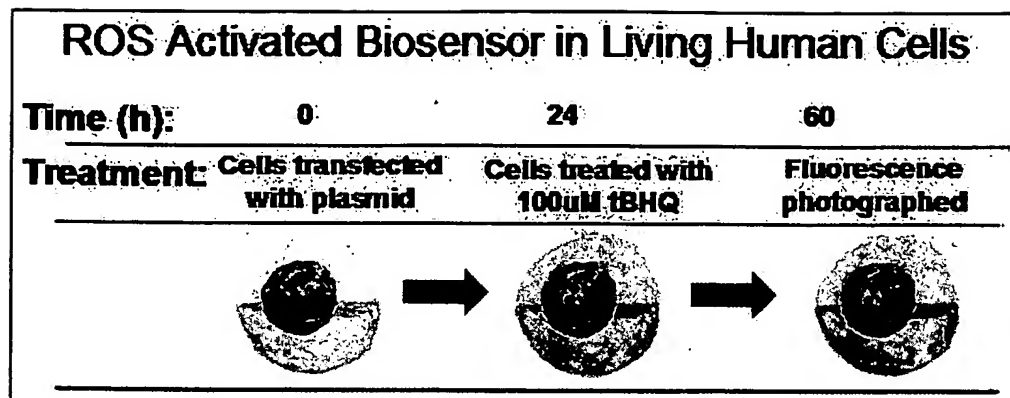


Fig. 9A

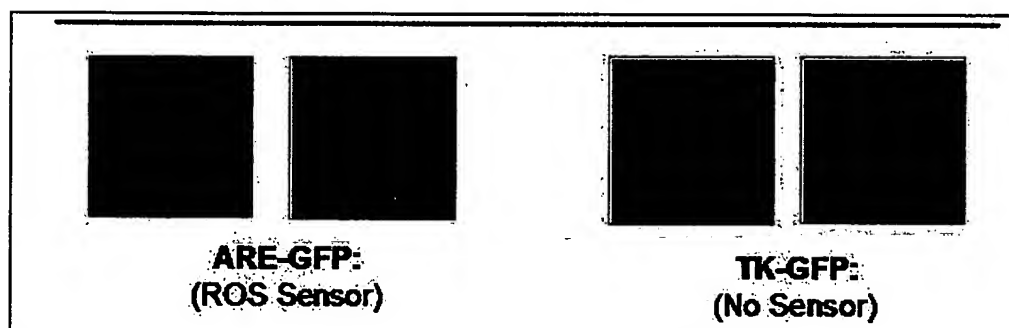


Fig. 9B

Fig. 9C

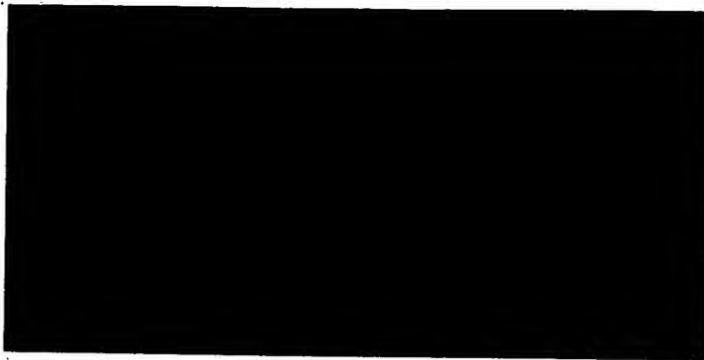


Fig. 10A

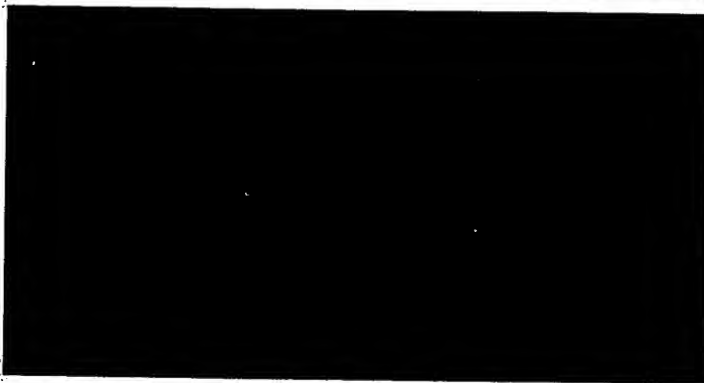


Fig. 10B

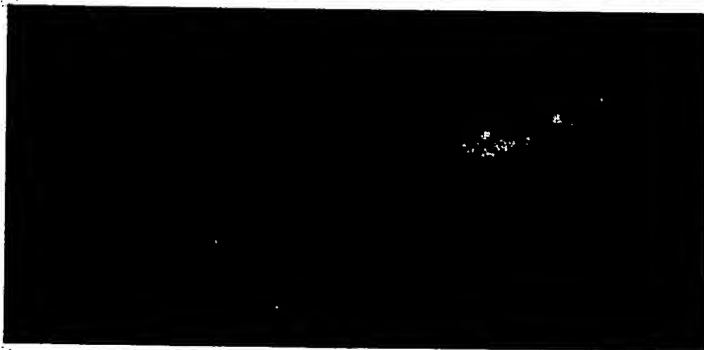


Fig. 10C

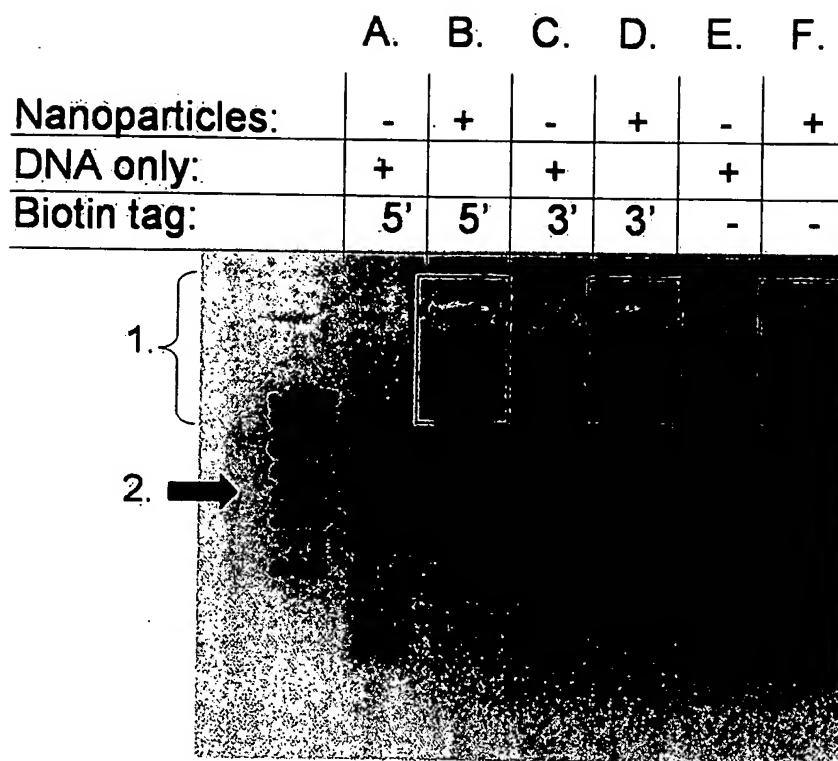


Fig. 11

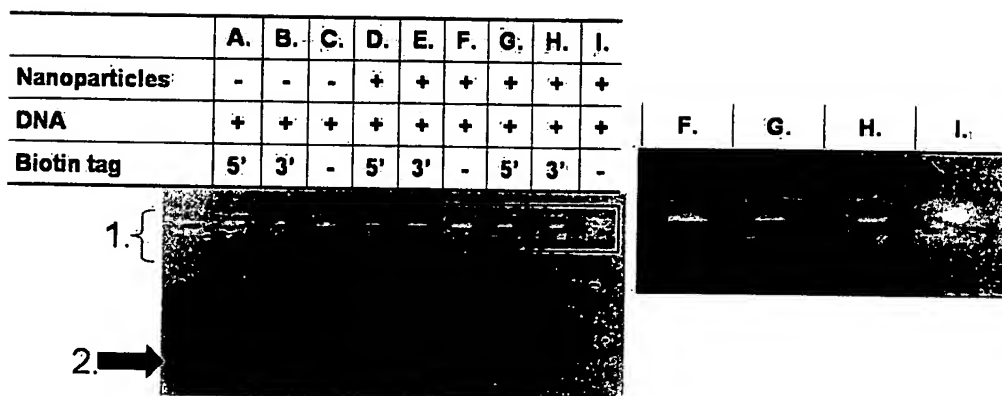


Fig. 12

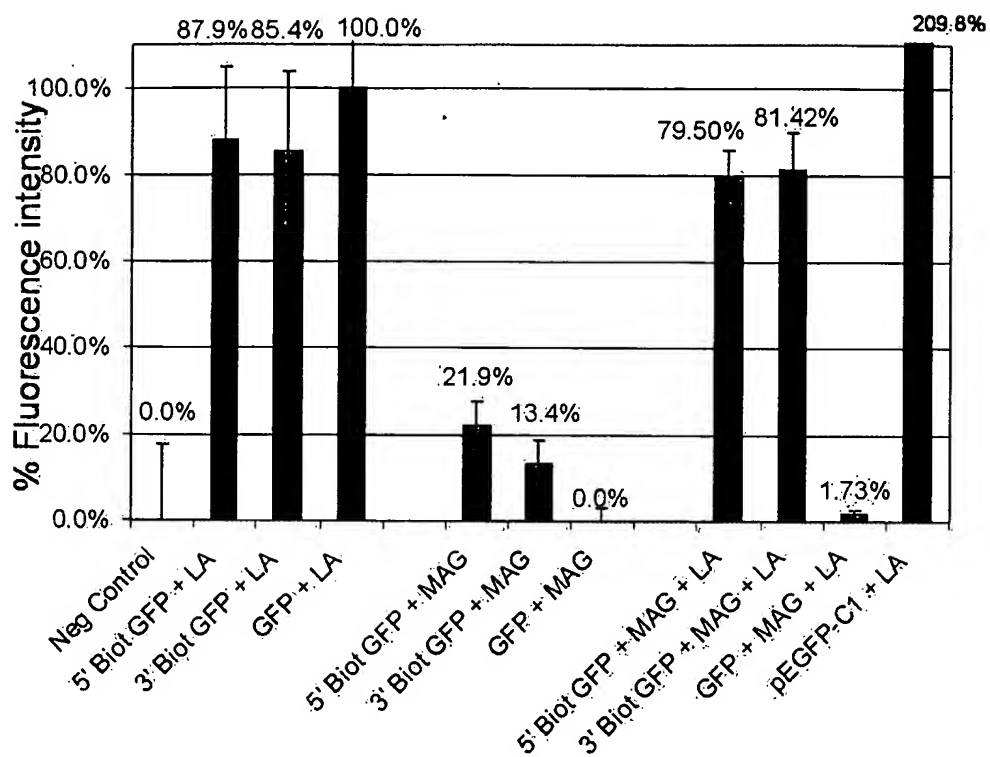


Fig. 13

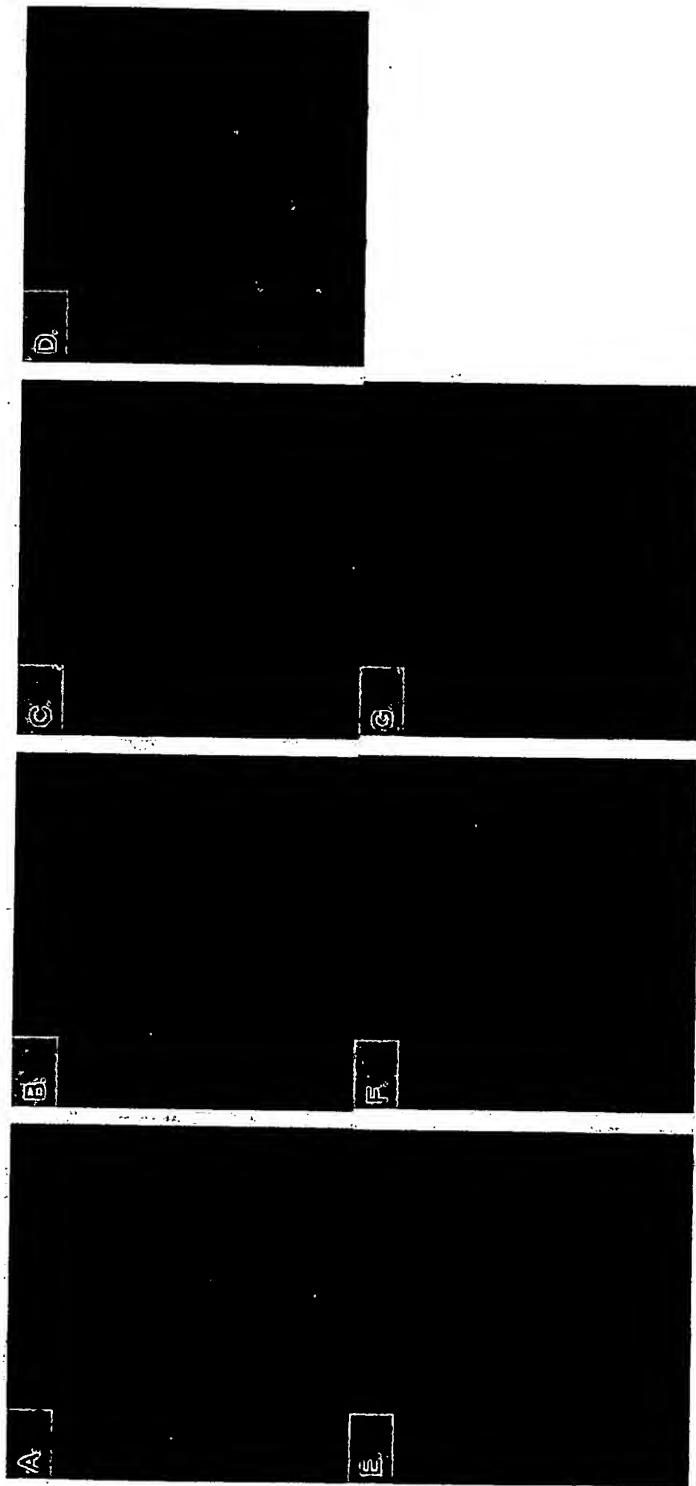


Fig. 14

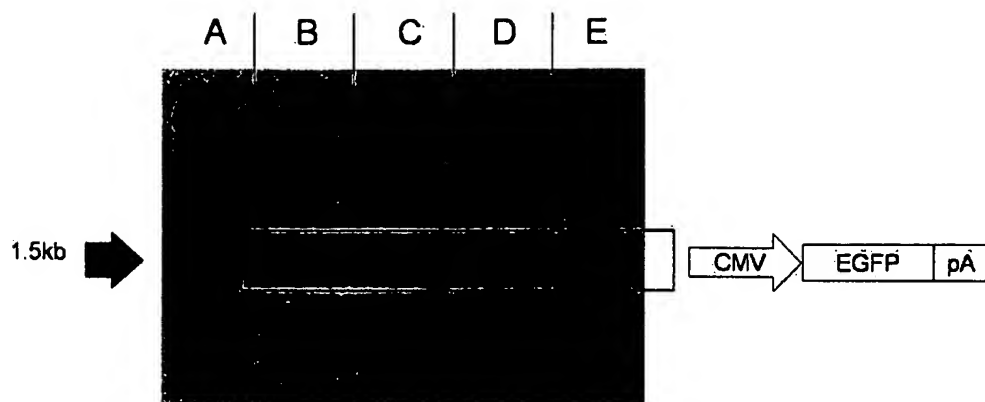


Fig. 15



Fig. 16

Hepatitis C Virus

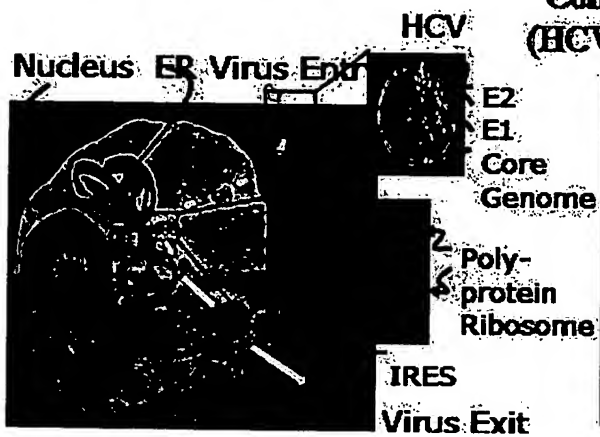


Fig. 17A

Antiviral nanomedicine

Construct an "artificial virus" (HCV-like) nanoparticle system

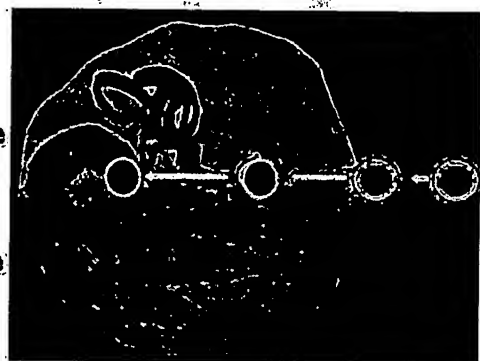


Fig. 17B

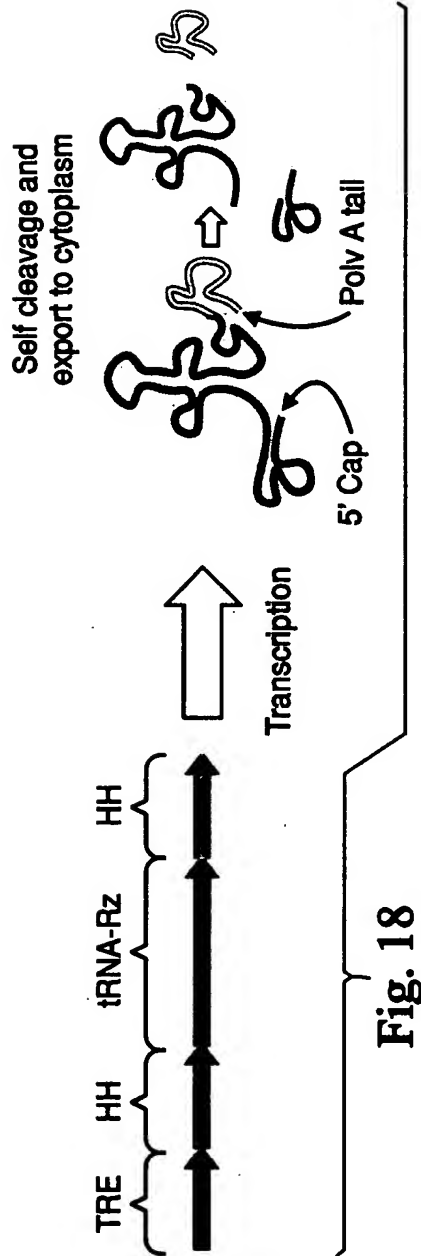


Fig. 18

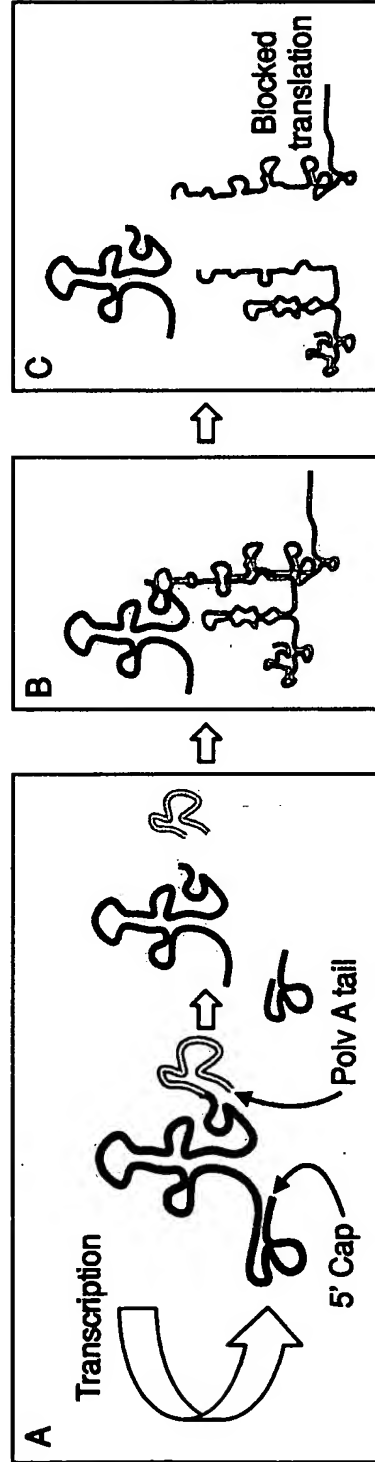


Fig. 18A

Fig. 18B

Fig. 18C

Fig. 19A

Fig. 19B

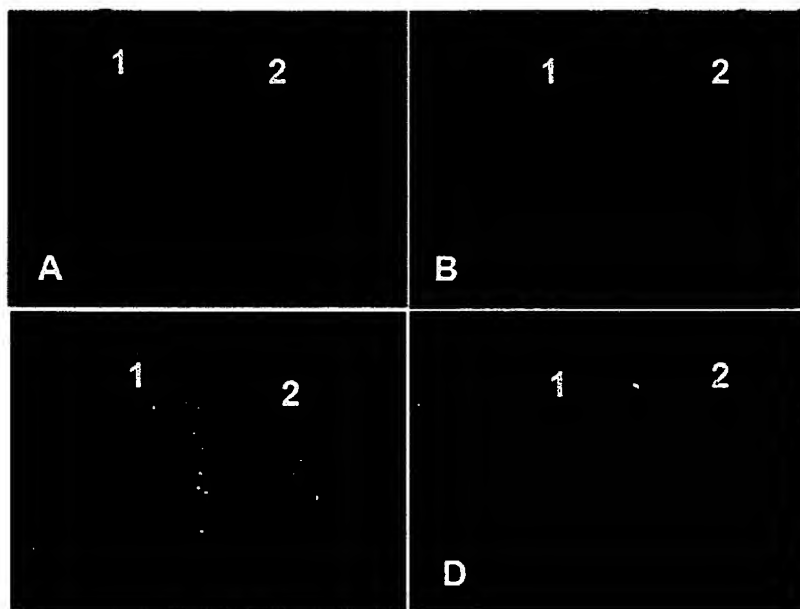


Fig. 19C

Fig. 19D

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